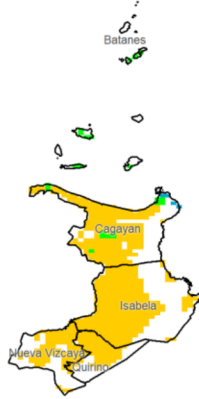
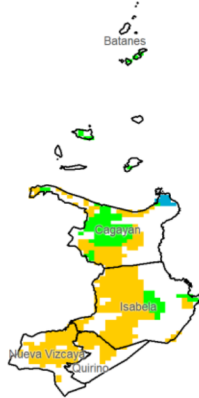


Region II (Cagayan Valley)

Water Availability for Rice
Prevailing Stage : (I) Nursery



Water Availability for Corn
Prevailing Stage : (IV) Maturity



Provincial Values

Province	Mon. Ave. Rainfall (mm)	Rice		Corn	
		CS CCI (%)	CS CCI (%)	CS CCI (%)	CS CCI (%)
Batanes	127.0	I	70.8	I	126.1
		II	65.9	II	99.3
		III	63.6	III	81.4
		IV	63.6	IV	98.4
Cagayan	118.8	I	44.8	I	75.0
		II	42.8	II	63.6
		III	41.9	III	55.8
		IV	41.9	IV	63.2
Isabela	87.2	I	27.4	I	45.4
		II	26.1	II	37.8
		III	25.5	III	32.8
		IV	25.5	IV	37.5
Nueva Vizcaya	30.2	I	6.5	I	10.6
		II	6.0	II	8.0
		III	5.7	III	6.3
		IV	5.7	IV	7.9
Quirino	47.0	I	12.3	I	20.9
		II	11.6	II	17.5
		III	11.3	III	15.2
		IV	11.3	IV	17.4

Crop Stage (CS) highlighted in black is the dominant stage during the month of January

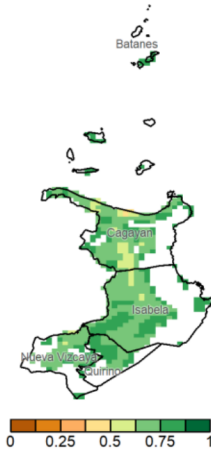
Rice CS: (I) Nursery, (II) Vegetative, (III) Reproductive, (IV) Ripening
 Corn CS: (I) Establishment, (II) Vegetative, (III) Reproductive, (IV) Maturity
 CCI Category: Inadequate (yellow), Sufficient (green), Excess (blue)

Regional Summary

Except in Batanes, rainfall in Cagayan Valley was mostly insufficient for all rice crop stages, particularly the prevailing Nursery stage. For corn, only the province of Batanes and Cagayan received sufficient rainfall to support the crops in all its stages, particularly the Corn crops in the Maturity stage. Rainfall had been relatively heavier over Cagayan, which occurred in consecutive days (see *RX5day*) and likely influenced by the combined effect of the Shearline and the Northeast Monsoon in the first week of January (see *graph of Daily Rainfall*).

Despite the minimal rainfall amount in most of the Region during the entire month, the accumulated moisture in the past 3-months (see *SPEI3*) had been slightly above normal, signifying the possibility of sufficient water availability for the crops subject to the existence of an irrigation system. This is supported by the NDVI maps, which generally suggests a moderate to high vegetation density (NDVI > 0.6) in most of the province.

NDVI



SPEI3 (Nov-Dec-Jan)



RX1day



RX5day

